



(19)

Generated Document.

(11) Publication number: **10248863 A****PATENT ABSTRACTS OF JAPAN**(21) Application number: **09096323**(51) Intl. Cl.: **A61F 5/01**(22) Application date: **10.03.97**

(30) Priority:

(43) Date of application
publication: **22.09.98**(84) Designated contracting
states:(71) Applicant: **HATAKEYAMA NORIHIITO**(72) Inventor: **HATAKEYAMA NORIHIITO**

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**(54) PROTECTION DEVICE
FOR PREVENTING EXCESS
BACKWARD BENDING OF
HAND JOINT AND GLOVE
HAVING THE SAME BUILT
IN**

(57) Abstract:

PROBLEM TO BE SOLVED: To
make injury to wrists as light as
possible if the user, when doing work
or sports in which great loads may be
applied in the bending direction of
wrists, particularly when overturned
while snowboarding, falls on hands

and is wounded under large impact.

SOLUTION: This hand joint protection device is built into a glove, and a hand-back fixed plate 1, a forearm-back solid plate 2, and a spring 3, which are made of metal or plastics form a hinge 4 through a hinge pintle 10, each of the solid plates having the round 5 of an edge and an anatomical curve 8 and extension 9. The device also consists of a rubber plate 7 serving also as a buffer against the skin surface. Also, a wedge may be provided in order to limit the curving angle of the hinge 4.

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